



STAR WARS™

THE FORCE AWAKENS

INCREDIBLE CROSS-SECTIONS

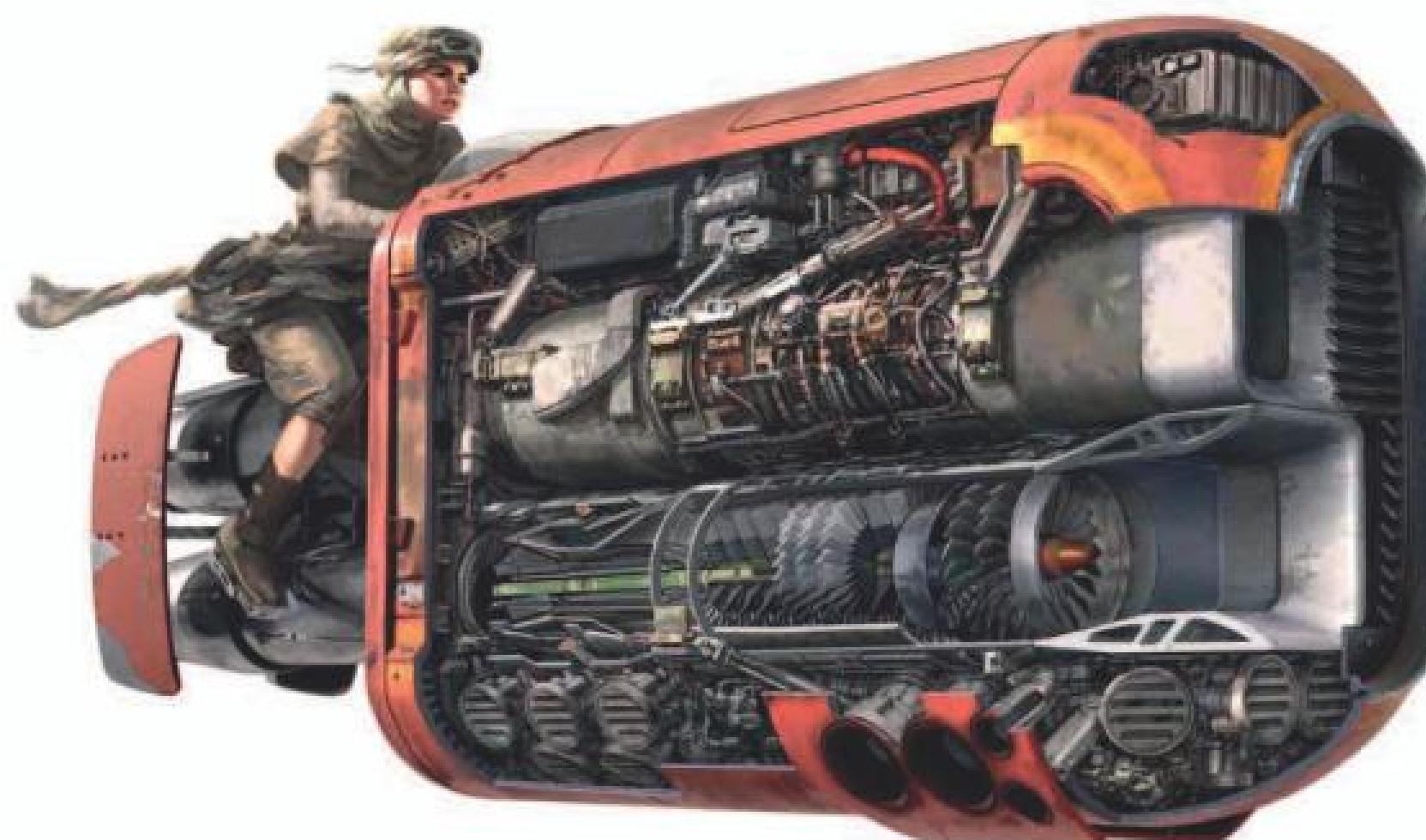
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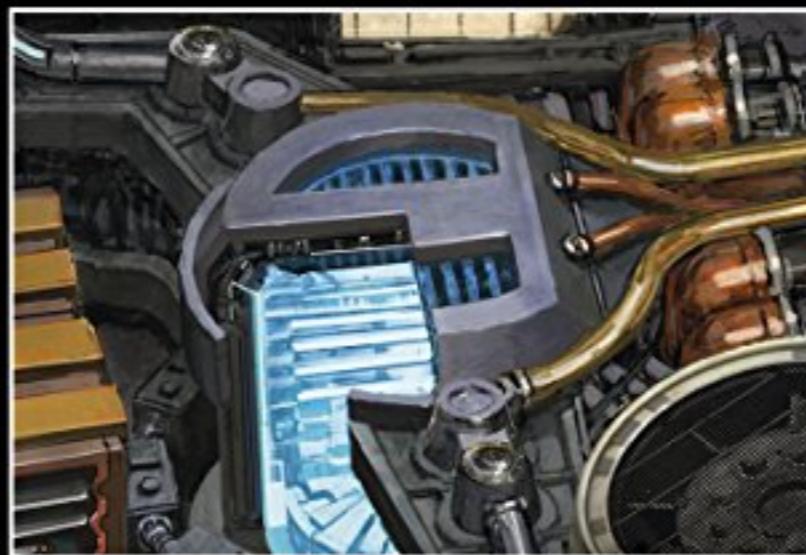
INTRODUCTION

GALACTIC CIVILIZATION relies on technologies that have existed for millennia. Faster-than-light communication and travel are routine, and even commonplace devices often boast vast amounts of computing power. Droids serve as cheap and expendable labor on countless planets, taking myriad forms to perform tasks too complicated, dangerous, or tedious for their organic masters. The galaxy's factions also have access to

weapons of terrifying power, and defensive capabilities meant to neutralize them. Throughout the long history of the galaxy, war has always spurred technological innovation. The galaxy now finds itself on the cusp of a new conflict that will prove no exception. The First Order has risen from the ruins of the Galactic Empire, and mobilizes for war with the New Republic, armed with the horrific products of its secret research laboratories.

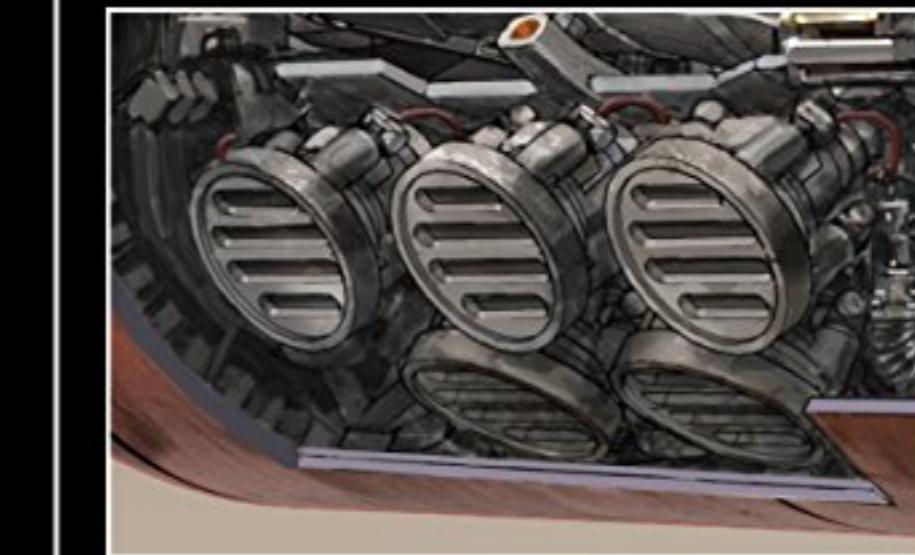
VEHICLE TECHNOLOGY

HYPERDRIVES



Hyperdrives allow ships to travel faster than light, crossing the void between stars through the alternate dimension of hyperspace. Hypermatter particles hurl a ship into hyperspace while preserving its mass/energy profile, sending it along a programmed course until it drops back into normal space at its destination. Large objects in normal space cast "mass shadows" in hyperspace, so hyperspace jumps must be precisely calculated to avoid deadly collisions.

GRAVITY



A number of galactic technologies work by manipulating gravity. Repulsolifts allow a craft to hover or fly over a planet's surface by pushing against its gravity, producing thrust, while acceleration compensators keep starship crews alive during high-speed maneuvers. Tractor beams manipulate gravitational forces to push or pull objects, while interdiction fields create gravitational shadows that interfere with faster-than-light travel, pinning ships in normal space or yanking them out of hyperspace.

SENSORS



Sensors gather information about the area surrounding a vehicle, highlighting threats and hazards. Passive-mode sensors repeatedly scan the same area, scan-mode sensors have a longer range and collect data by emitting pulses in all directions, and search-mode sensors focus on a specific area for analysis. Data accumulated from scans is then fed into a sensor computer and relayed to a vehicle's operator. Most starships have sensor suites that analyze a wide range of spectra.

ENERGY WEAPONS



Laser cannons and turbolasers are based on the same principle as handheld blasters: energy-rich gas is converted to a glowing particle beam that can melt through targets. The largest such weapons are powerful enough to crack a planet's core. Starships also use ion cannons, which overwhelm electronic systems with ionized energy bursts, and physical ordnance such as concussion missiles and proton torpedoes, whose energy warheads release clouds of high-velocity proton particles.

POWER SOURCES



Vehicles use a range of power technologies, most of which date back to the Republic's earliest days. The most common are chemical, fission, or fusion reactors, which consume a variety of fuels based on local resources. Large starships opt for fusion systems that contain hypermatter-annihilation cores, generating vast amounts of power. Many starship fuels are hazardous to organic beings, circulating in ship systems as corrosive liquids or combustible and poisonous gases.

SHIELDS



Shields are protective force fields that repel solid objects or absorb energy. Concussion shields repel space debris, while two varieties of deflector shield protect craft in battle. Ray shields deflect or scatter energy beams, while particle shields diffuse impacts from high-velocity projectiles and proton weapons. A shield's intensity gradually diminishes with distance from its projector. Most starships use a combination of ray and particle shielding for the most reliable protection.

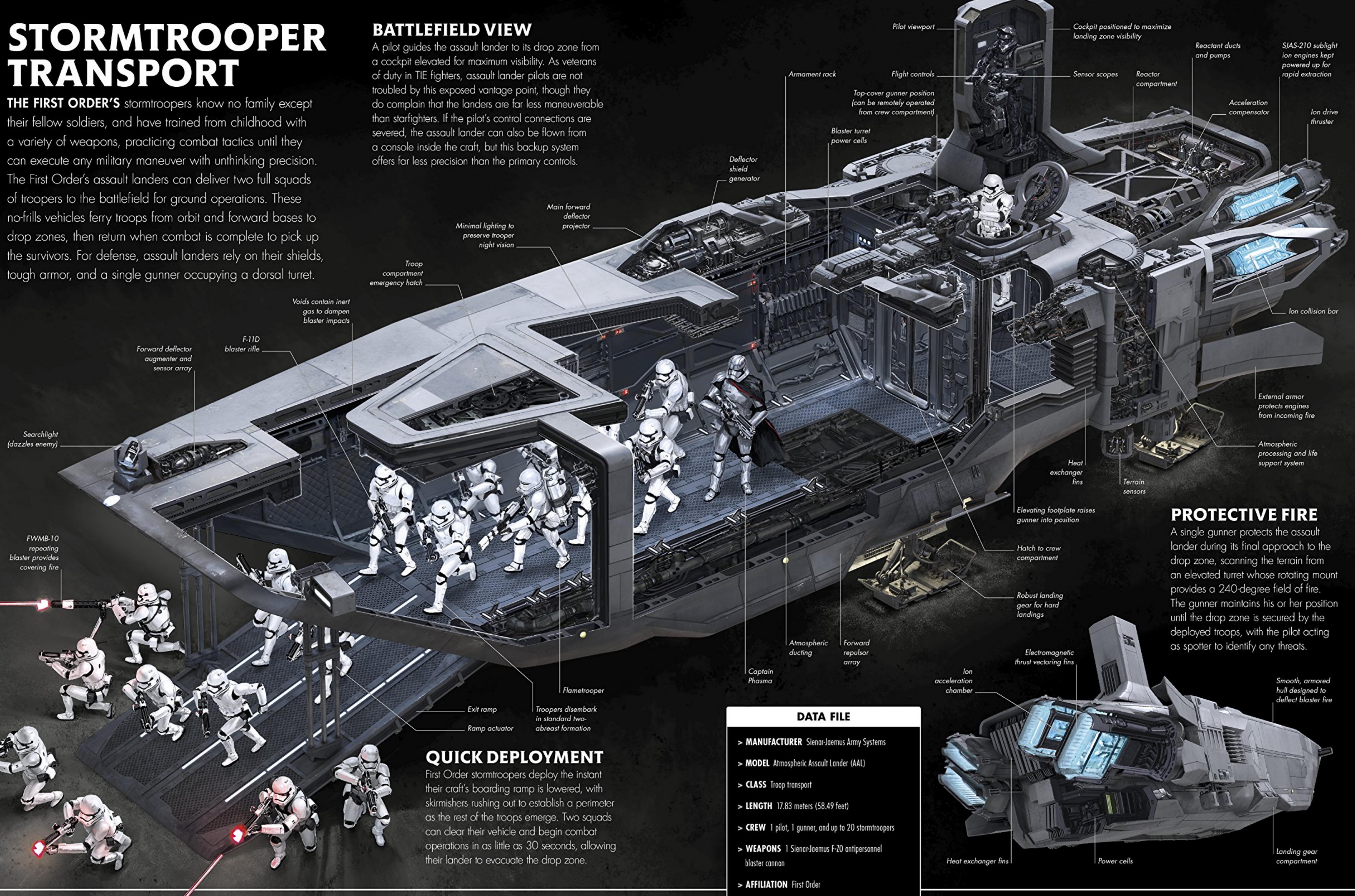


PERILOUS PURSUIT

Pursued by the First Order's TIE fighters, Rey pilots the *Millennium Falcon* through the area of Jakku she knows best, seeking shelter within the hollowed-out wrecks that make up the Starship Graveyard.

STORMTROOPER TRANSPORT

THE FIRST ORDER'S stormtroopers know no family except their fellow soldiers, and have trained from childhood with a variety of weapons, practicing combat tactics until they can execute any military maneuver with unthinking precision. The First Order's assault landers can deliver two full squads of troopers to the battlefield for ground operations. These no-frills vehicles ferry troops from orbit and forward bases to drop zones, then return when combat is complete to pick up the survivors. For defense, assault landers rely on their shields, tough armor, and a single gunner occupying a dorsal turret.



QUICK DEPLOYMENT

First Order stormtroopers deploy the instant their craft's boarding ramp is lowered, with skirmishers rushing out to establish a perimeter as the rest of the troops emerge. Two squads can clear their vehicle and begin combat operations in as little as 30 seconds, allowing their lander to evacuate the drop zone.

DATA FILE

- > **MANUFACTURER** Siener-Jaemus Army Systems
- > **MODEL** Atmospheric Assault Lander (AAL)
- > **CLASS** Troop transport
- > **LENGTH** 17.83 meters (58.49 feet)
- > **CREW** 1 pilot, 1 gunner, and up to 20 stormtroopers
- > **WEAPONS** 1 Siener-Jaemus F-Z0 antipersonnel blaster cannon
- > **AFFILIATION** First Order



OUT OF THE SHADOWS

Crammed inside their transport, stormtroopers of the First Order prepare for battle. They have been trained since birth for a single purpose—to crush their enemies without mercy.

POE'S X-WING

THE T-70 X-WING is a favorite craft of Resistance pilots, including Poe Dameron, who flies a customized example codenamed Black One. The latest incarnation of the venerable X-wing family, the T-70 is faster than the ships that formed the backbone of the Alliance's starfighter corps during the Galactic Civil War and is equipped with more powerful weapons. X-wings are more expensive and complex than the First Order's TIE fighters, but much more versatile. They are nimble enough for dogfighting but powerful enough to slug it out with enemy capital ships.



PACKING A PUNCH

The original X-wing's designers envisioned a fighter with the speed and power to attack Imperial Star Destroyers, and delivered on that promise. Just like its predecessor, the T-70 has powerful wingtip cannons that can fire in single, dual, or quad mode, and it can punch through deflector shields with its eight proton torpedoes. Quick-change magazines allow pilots to swap torpedoes with other payloads, such as concussion missiles or mag-pulse warheads.

RESOURCE CRUNCH

The Rebellion built its T-65 X-wings in hangars and drylocks hidden from Imperial spies. The New Republic has no such constraints, but its demilitarization efforts and rampant corruption have steered the few remaining starfighter contracts to well-connected manufacturers. The Resistance can build few X-wings of its own, and instead must make do with fighters donated by local security forces or lent by senators who share General Leia Organa's fears about the First Order.



DATA FILE

- > **MANUFACTURER** Incom-FreTek
- > **MODEL** T-70 X-wing
- > **CLASS** Starfighter
- > **LENGTH** 12.48 meters (40.96 feet)
- > **CREW** 1 pilot plus 1 astromech droid
- > **WEAPONS** 4 T-65 & Bok KX12 laser cannons, 8 Krupx MG7-A proton torpedoes (standard configuration)
- > **AFFILIATION** Resistance



FLEXIBLE FLYER

X-wings can scissor open their S-foils to maximize their cannons' field of fire and shed waste heat during combat. Four fusal ion engines give the T-70 its speed, but it owes its great maneuverability to finely calibrated retro thrusters with built-in electromagnetic gyros. Advances in miniaturization have allowed shipwrights to reduce the size of these components since the Galactic Civil War-era T-65.

**ACES HIGH**

Once upon a time, a brave young X-wing pilot destroyed the Galactic Empire's ultimate weapon. Now, a bold new generation of Resistance aces continue the fight against the First Order.

COMMAND SHUTTLE

THE FIRST ORDER'S top officers and dignitaries travel in bat-winged command shuttles, heavily guarded by TIE fighter escorts. Looking like dark birds of prey, command shuttles have formidable heavy laser cannons, but their biggest asset is their defensive capabilities.

Advanced sensor suites in the upper wings monitor communications and scan for potential enemies long before they reach firing range, while the lower wings are lined with efficient shield projectors and powerful jammers.

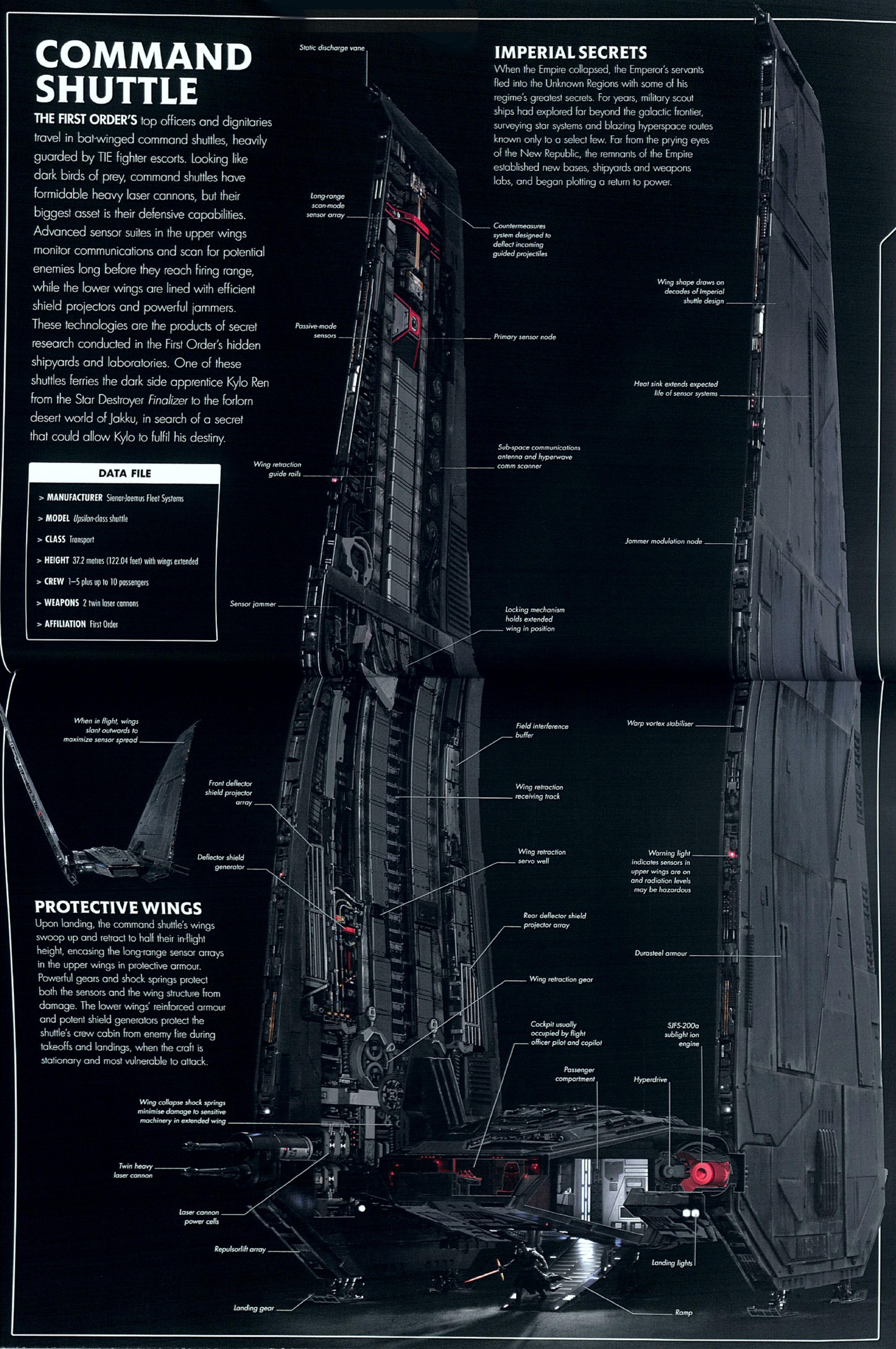
These technologies are the products of secret research conducted in the First Order's hidden shipyards and laboratories. One of these shuttles ferries the dark side apprentice Kylo Ren from the Star Destroyer *Finalizer* to the forlorn desert world of Jakku, in search of a secret that could allow Kylo to fulfil his destiny.

DATA FILE

- > **MANUFACTURER** Sienar-Jaemus Fleet Systems
- > **MODEL** Upsilon-class shuttle
- > **CLASS** Transport
- > **HEIGHT** 37.2 metres (122.04 feet) with wings extended
- > **CREW** 1–5 plus up to 10 passengers
- > **WEAPONS** 2 twin laser cannons
- > **AFFILIATION** First Order

IMPERIAL SECRETS

When the Empire collapsed, the Emperor's servants fled into the Unknown Regions with some of his regime's greatest secrets. For years, military scout ships had explored far beyond the galactic frontier, surveying star systems and blazing hyperspace routes known only to a select few. Far from the prying eyes of the New Republic, the remnants of the Empire established new bases, shipyards and weapons labs, and began plotting a return to power.





NEW GENERATION

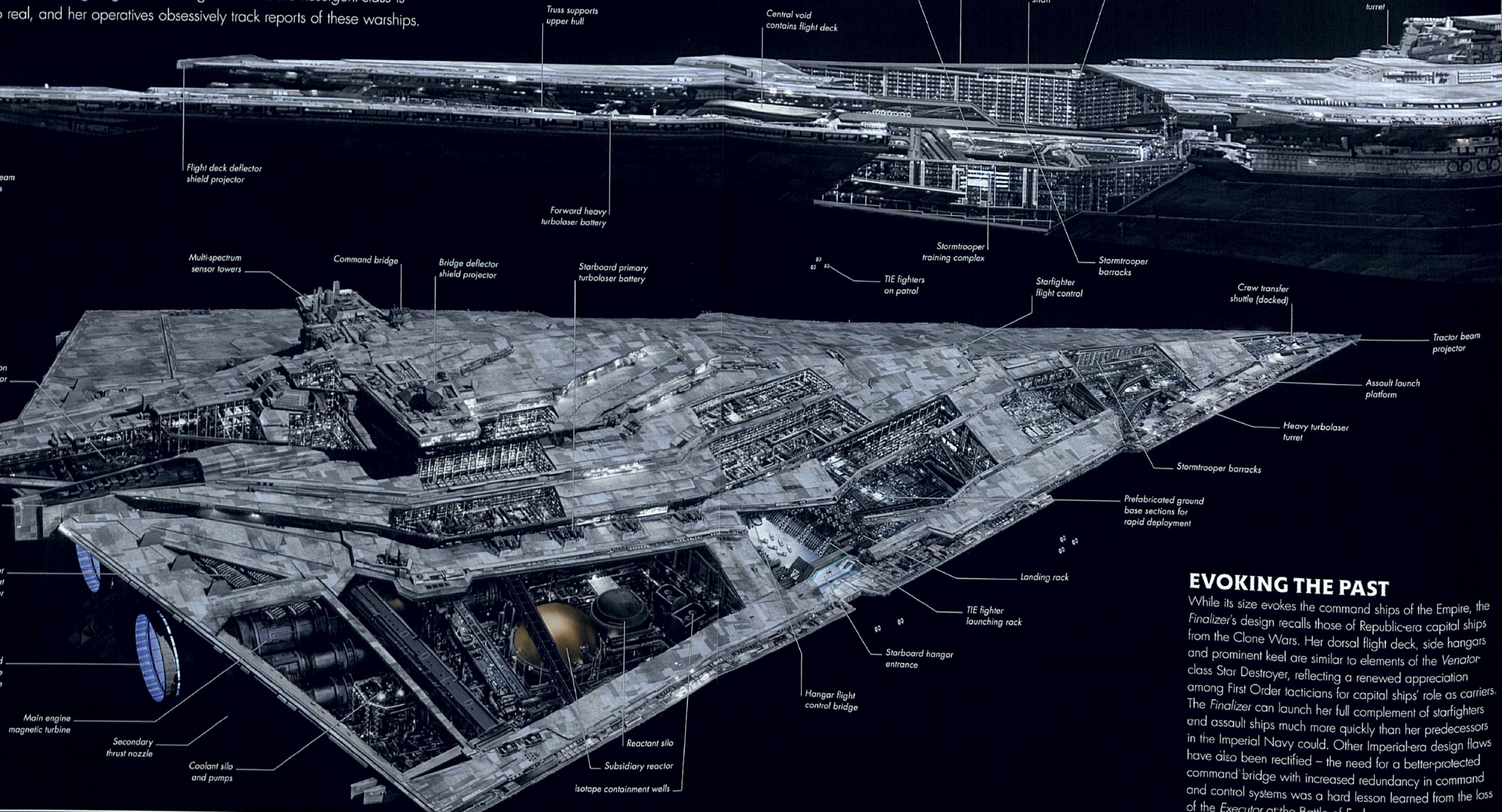
Constructed in secret, deep in the Unknown Regions, the First Order's Star Destroyers mark an ominous resurrection of the iconic warships that once enforced Imperial tyranny in the galaxy.

FINALIZER

THE POWERFUL FLAGSHIP used by General Hux and Kylo Ren, the *Finalizer* is the first of the new *Resurgent*-class Star Destroyers, whose size and firepower clearly violate the treaties between the New Republic and First Order governing capital ships. The *Finalizer*'s heavy weapons are augmented by two wings of starfighters, a hundred assault craft and a full legion of stormtroopers trained since birth for loyalty to the First Order. Many in the New Republic dismiss sightings of these ships as typical Resistance fearmongering. But Leia Organa knows the *Resurgent*-class is all too real, and her operatives obsessively track reports of these warships.

SYMBOL OF POWER

The First Order lacks the resources to build huge numbers of massive capital ships like those that once served the Emperor. But the lessons of Imperial power have not been lost on the First Order's ship designers. The *Finalizer* is a devastating weapons platform and highly effective carrier, but it is also a symbol of the new regime's power, designed to recall the era when Imperial might was at its greatest, and inspire awe in the First Order's enemies.



EVOKING THE PAST

While its size evokes the command ships of the Empire, the *Finalizer*'s design recalls those of Republic-era capital ships from the Clone Wars. Her dorsal flight deck, side hangars and prominent keel are similar to elements of the *Venator*-class Star Destroyer, reflecting a renewed appreciation among First Order tacticians for capital ships' role as carriers. The *Finalizer* can launch her full complement of starfighters and assault ships much more quickly than her predecessors in the Imperial Navy could. Other Imperial-era design flaws have also been rectified – the need for a better-protected command bridge with increased redundancy in command and control systems was a hard lesson learned from the loss of the *Executor* at the Battle of Endor.

MILITARY MIGHT

Massive turbolaser turrets and heavy ion cannons dot the flanks of the *Finalizer*'s upper hull, with an additional brace of forward batteries set on either side of the bow. Designed for orbital assaults and slugfest matches with enemy capital ships, these turbolasers can overload shields, punch through thick armour and reduce planetary surfaces to molten slag. Smaller point-defence turrets and missile emplacements complement these heavy weapons, tracking more nimble enemies, while the *Finalizer*'s TIEs stand ready to destroy starfighters ship-to-ship.

SECRETS OF THE ORDER

The *Resurgent*-class turbolasers deliver more firepower than Imperial-era weapons and boast a faster recharge rate. This advantage stems from Kyber focusing crystals harvested from a secret source deep in the Unknown Regions. Other First Order capital ships have clamored for upgrades to their own warships, but military-grade crystals are in short supply. Rumours abound that they are delivered to secret weapons labs, but officials tell the First Order's uppermost ranks.

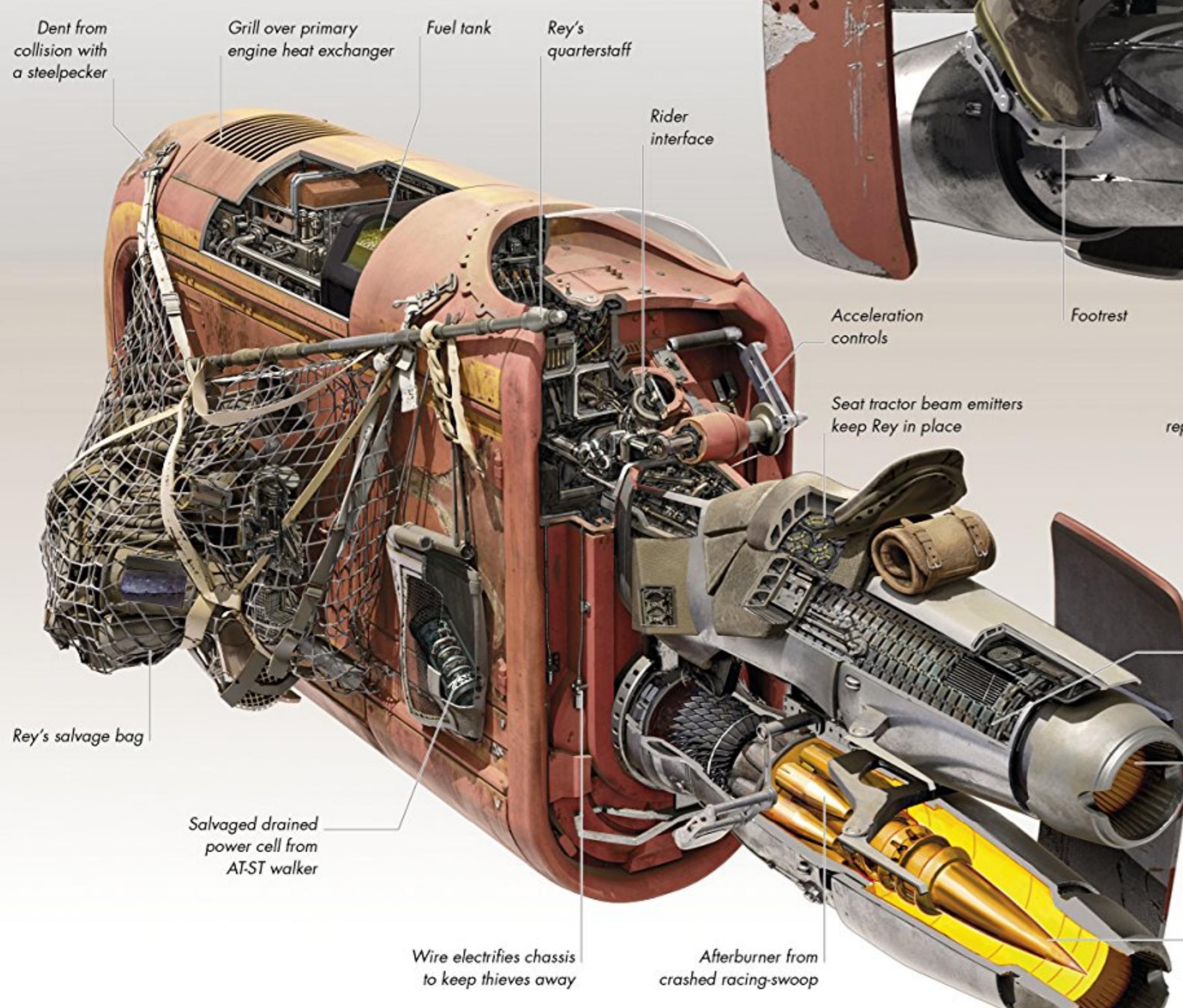
DATA FILE	
MANUFACTURER	Kuat Engineering
MODEL	Resurgent-class Star Destroyer
LENGTH	291.81 metres (9,620 feet)
CREW	19,000 officers, 55,000 enlisted, 8,000 stormtroopers
WEAPONS	More than 3,000 turbolasers and ion cannons
AFFILIATION	First Order

REY'S SPEEDER

REY'S PRIDE AND JOY is her custom speeder, an ungainly but powerful vehicle created using parts unearthed in the junkpiles of Niima Outpost, reclaimed from the Starship Graveyard, or acquired from Teedo traders. Armed with welding torches, hydrospanners, and bonding tape, Rey built a vehicle combining aspects of a speeder and a swoop, making use of sophisticated military hardware and civilian machinery. Rey's speeder is fast and can carry heavy loads, making it ideal for scavenging trips. The top-heavy craft would be difficult for any other pilot to control, but Rey's skills as a pilot match her genius as a mechanic.

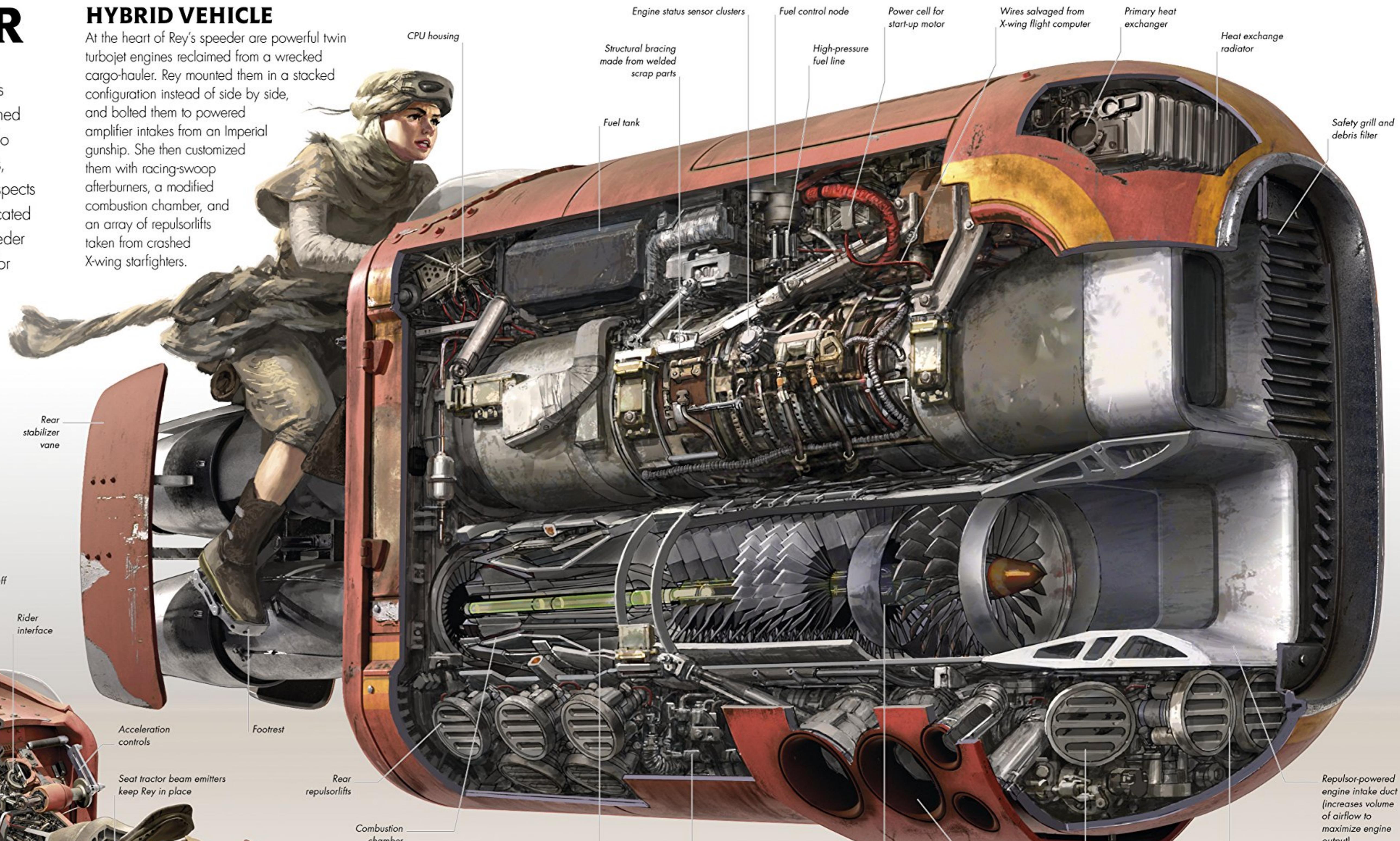
SCAVENGER SAFEGUARDS

Light-fingered scavengers are a fact of life on Jakku, and Rey knows that without her speeder she'd be even more trapped than she already is, unable to travel between the Starship Graveyard, her makeshift homestead, and Niima Outpost. Her speeder won't power up without a fingerprint scan, and she can electrify the chassis to give a powerful jolt to anyone who touches it while she's away.



HYBRID VEHICLE

At the heart of Rey's speeder are powerful twin turbojet engines reclaimed from a wrecked cargo-hauler. Rey mounted them in a stacked configuration instead of side by side, and bolted them to powered amplifier intakes from an Imperial gunship. She then customized them with racing-swoop afterburners, a modified combustion chamber, and an array of repulsorlifts taken from crashed X-wing starfighters.



DATA FILE

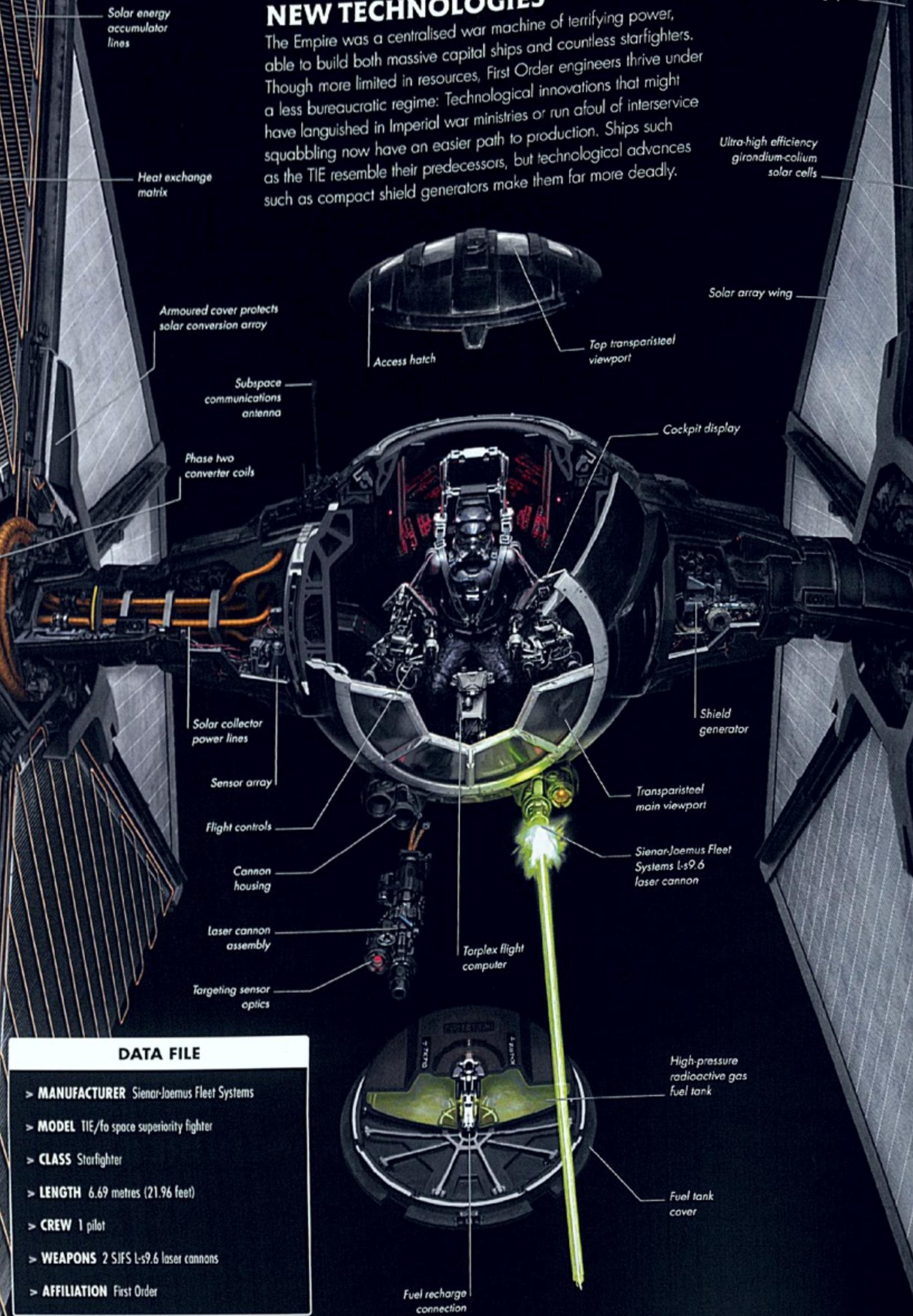
- > **MANUFACTURER** None (custom-made)
- > **MODEL** Customized repulsorlift vehicle
- > **CLASS** Hybrid speeder/swoop
- > **LENGTH** 3.73 meters (12.24 feet)
- > **CREW** 1 pilot
- > **WEAPONS** None
- > **AFFILIATION** Rey

TAKING TO THE SKIES

Rey's speeder is ridiculously overpowered when lightly loaded. The oversized engines give it remarkable acceleration, while the repulsorlift array lets it attain a flight ceiling akin to that of an airspeeder. When away from prying eyes, Rey lets her craft take flight, performing barrel rolls and other maneuvers that push both her speeder and her piloting skills to the limit.

NEW TECHNOLOGIES

The Empire was a centralised war machine of terrifying power, able to build both massive capital ships and countless starfighters. Though more limited in resources, First Order engineers thrive under a less bureaucratic regime: Technological innovations that might have languished in Imperial war ministries or run afoul of interservice squabbling now have an easier path to production. Ships such as the TIE resemble their predecessors, but technological advances such as compact shield generators make them far more deadly.



DATA FILE

- > MANUFACTURER Sienar-Jaemus Fleet Systems
- > MODEL TIE/fo space superiority fighter
- > CLASS Starfighter
- > LENGTH 6.69 metres (21.96 feet)
- > CREW 1 pilot
- > WEAPONS 2 SIFS L-9.6 laser cannons
- > AFFILIATION First Order

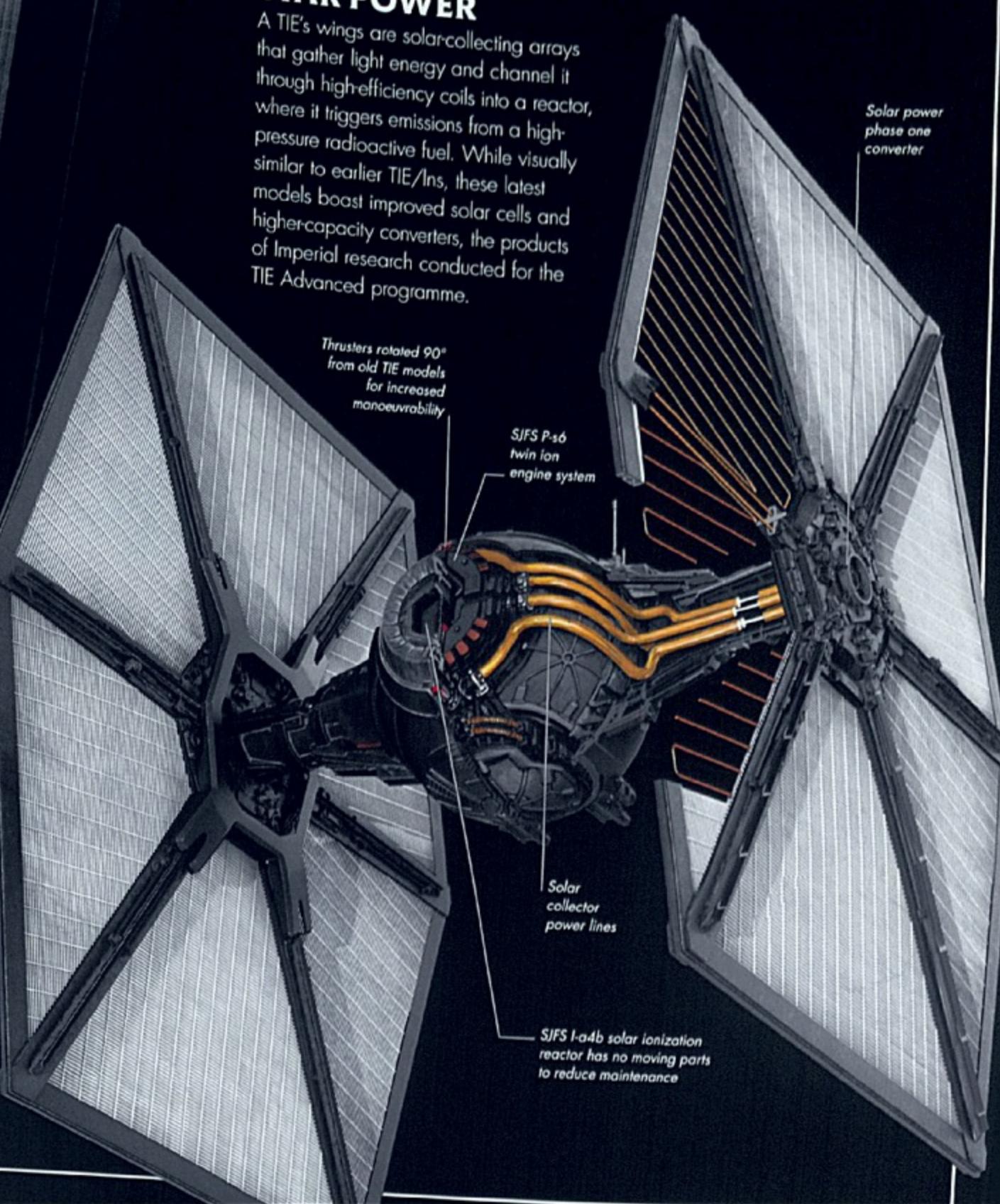
TIE FIGHTER

DECades after its

introduction, the TIE fighter remains a symbol of power and prestige for the First Order. TIEs are primarily attack craft, using their twin ion engines to hunt down and swarm enemies. Like their Imperial ancestors, First Order TIEs lack hyperdrives, and thus are reserved for short-range combat missions. But where the Empire treated its pilots as expendable, the First Order values them as critical military assets. TIE cadets receive extensive training in secret flight schools far from space explored by the New Republic, and their fighters now boast onboard deflector shields to bolster their defences.

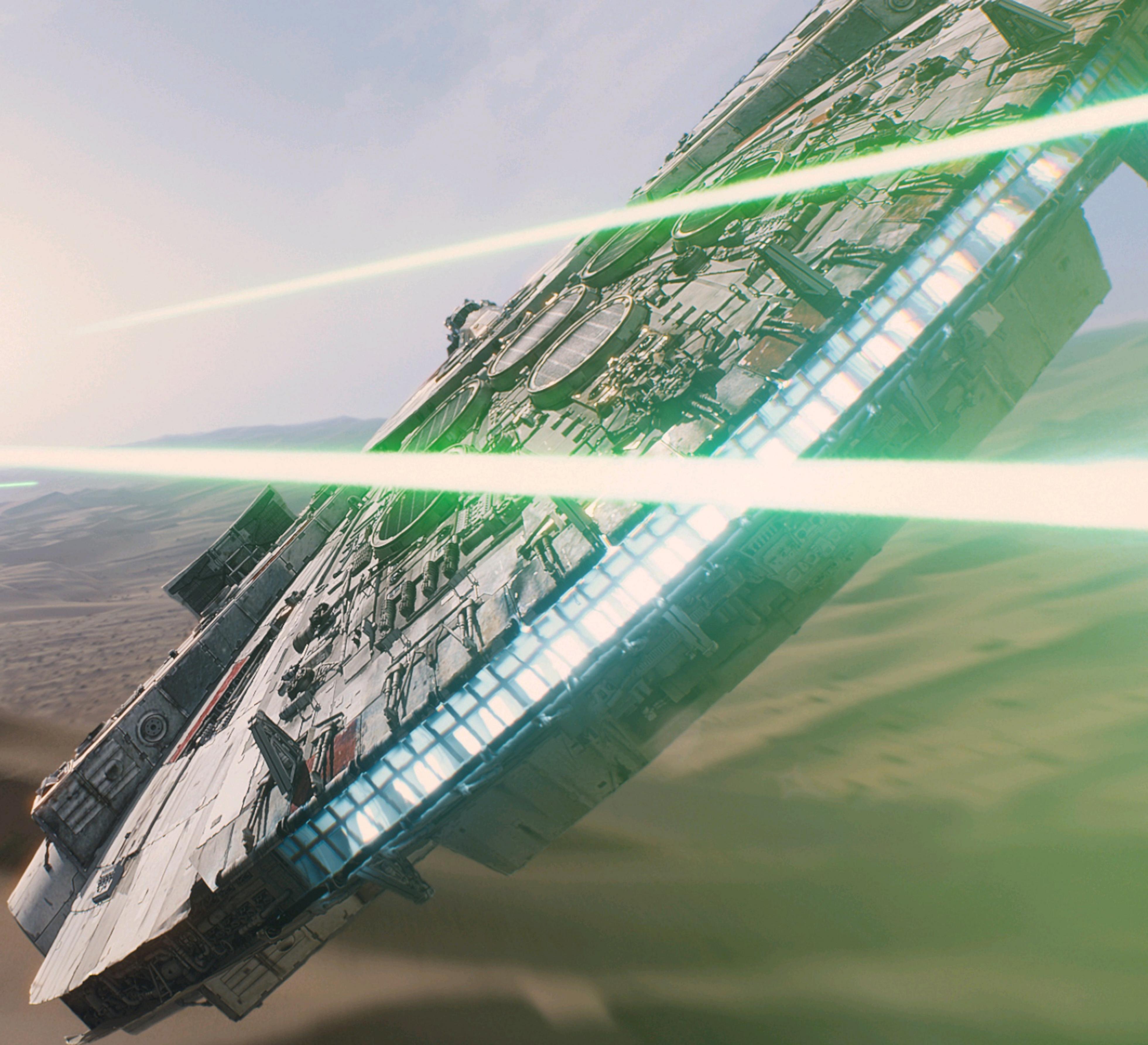
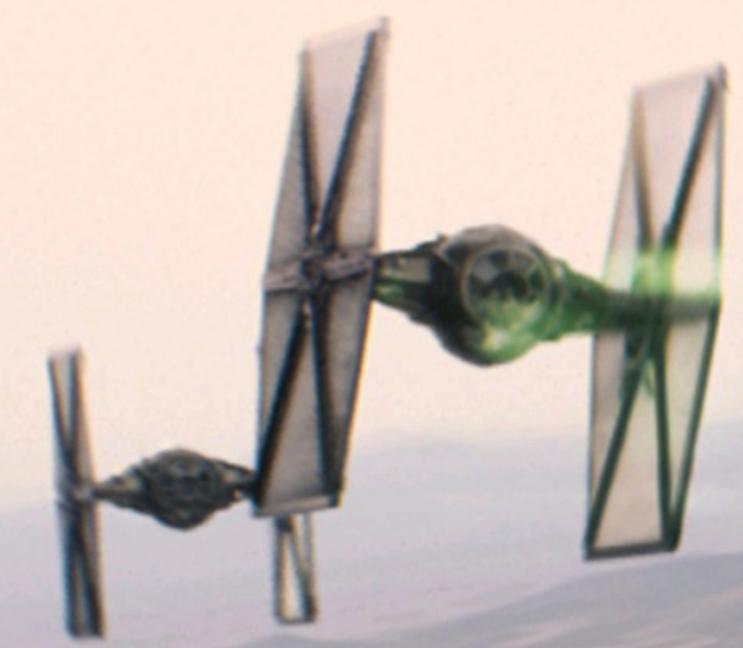
STAR POWER

A TIE's wings are solar-collecting arrays that gather light energy and channel it through high-efficiency coils into a reactor, where it triggers emissions from a high-pressure radioactive fuel. While visually similar to earlier TIE/lns, these latest models boast improved solar cells and higher-capacity converters, the products of Imperial research conducted for the TIE Advanced programme.



BATTLE ABOVE THE SANDS

A generation ago, burning warships plummeted from space into the desolate wastes of Jakku. Now war has returned to the planet, as the *Millennium Falcon* duels with pursuing First Order TIE fighters.

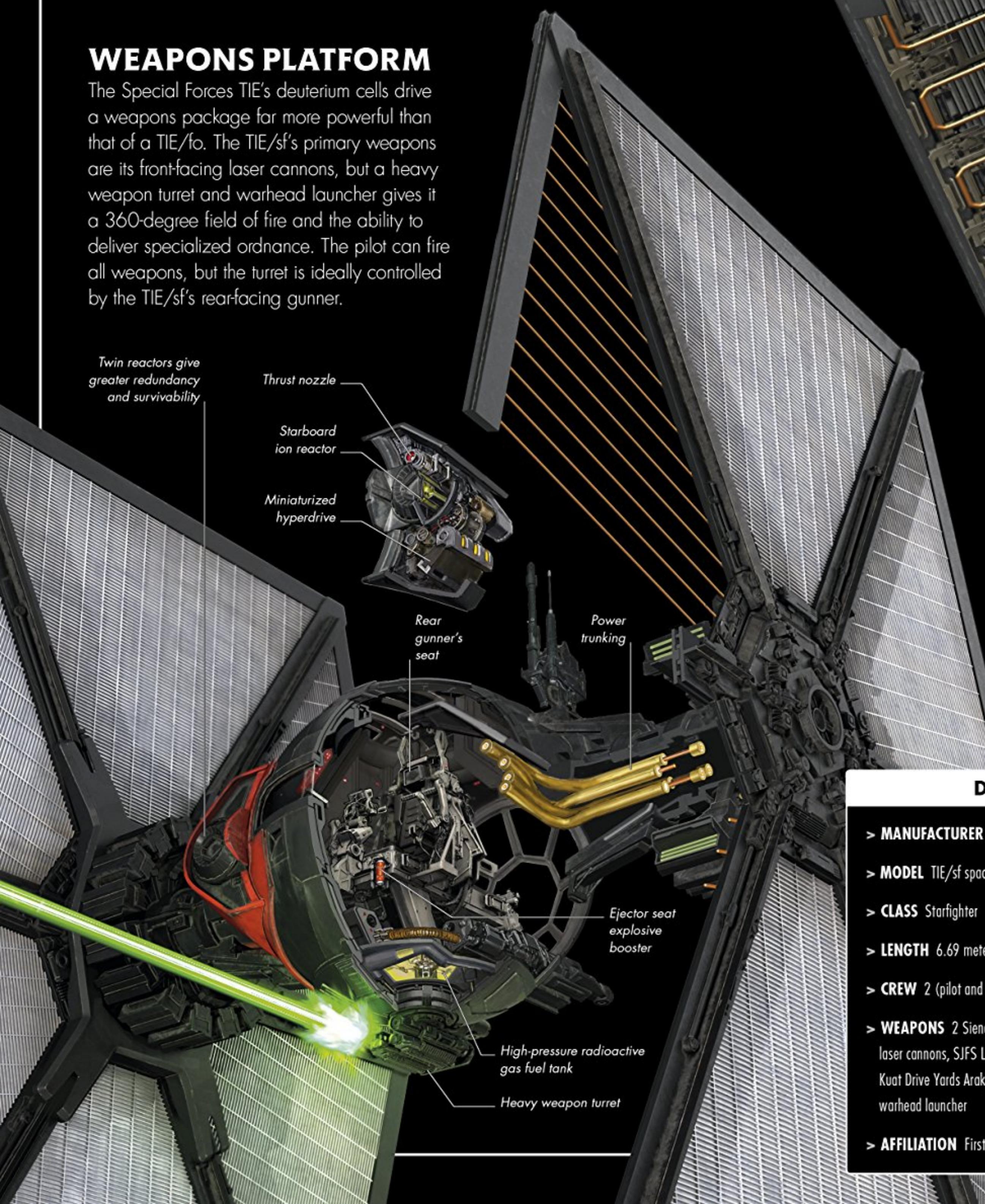


SF TIE FIGHTER

THE FIRST ORDER'S feared Special Forces have considerable resources at their disposal. These include a specialized model of TIE fighter that packs additional armament into a craft designed for long-range operations away from a base or command ship. Special Forces TIEs are two-person fighters that carry a hyperdrive and deflector shields, as well as banks of high-yield deuterium cells that provide additional power to the engines, weapons, or shields and can be recharged from the TIE's solar panels. The TIE/sf's heavy weaponry and improved defensive capabilities make it a versatile attack ship suited to a range of mission profiles, from reconnaissance to combat operations.

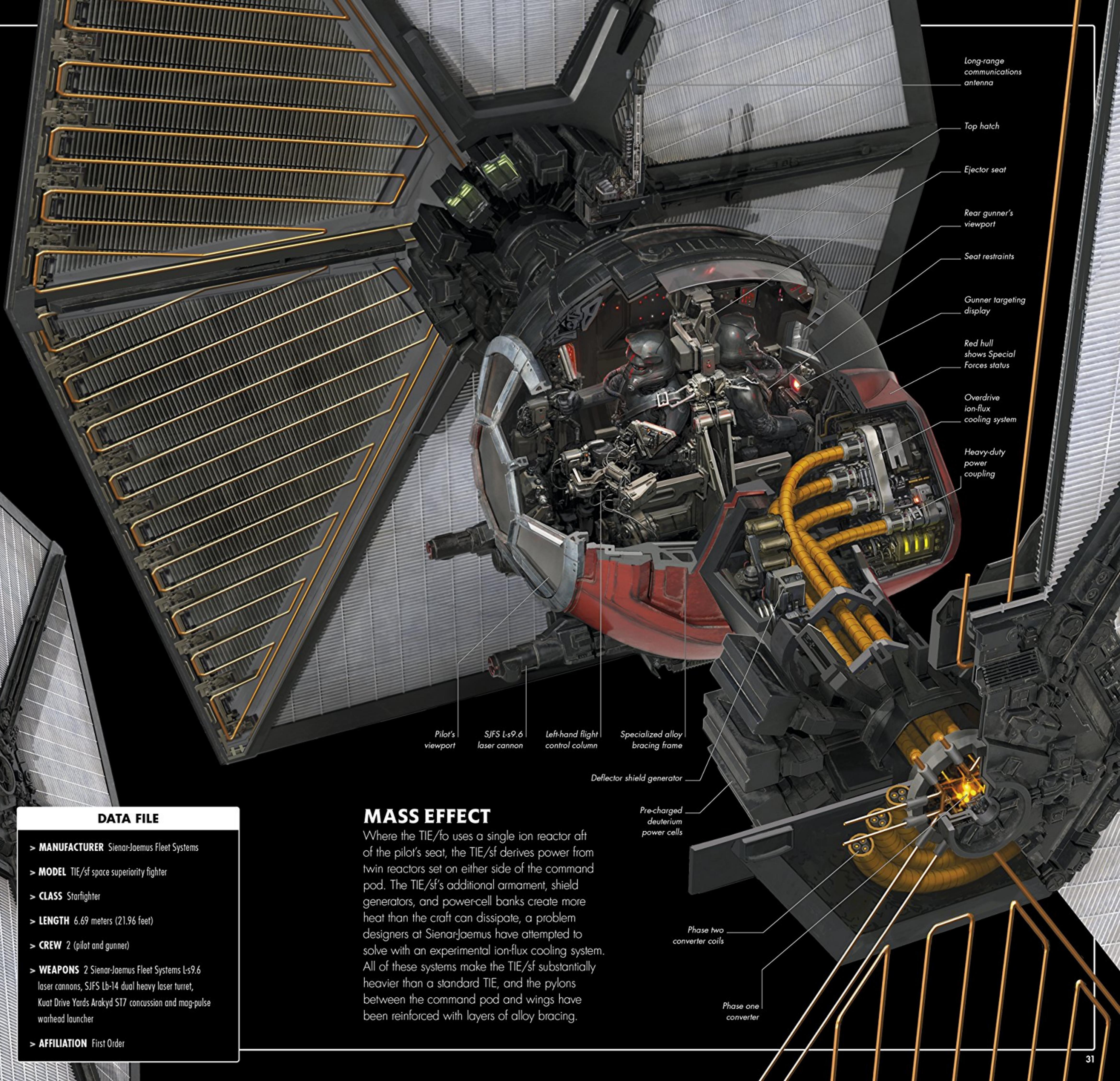
WEAPONS PLATFORM

The Special Forces TIE's deuterium cells drive a weapons package far more powerful than that of a TIE/fo. The TIE/sf's primary weapons are its front-facing laser cannons, but a heavy weapon turret and warhead launcher gives it a 360-degree field of fire and the ability to deliver specialized ordnance. The pilot can fire all weapons, but the turret is ideally controlled by the TIE/sf's rear-facing gunner.



DATA FILE

- > **MANUFACTURER** Sienar-Jaemus Fleet Systems
- > **MODEL** TIE/sf space superiority fighter
- > **CLASS** Starfighter
- > **LENGTH** 6.69 meters (21.96 feet)
- > **CREW** 2 (pilot and gunner)
- > **WEAPONS** 2 Sienar-Jaemus Fleet Systems Ls9.6 laser cannons, SJFS Lb-14 dual heavy laser turret, Kuat Drive Yards Arakyd ST7 concussion and mag-pulse warhead launcher
- > **AFFILIATION** First Order

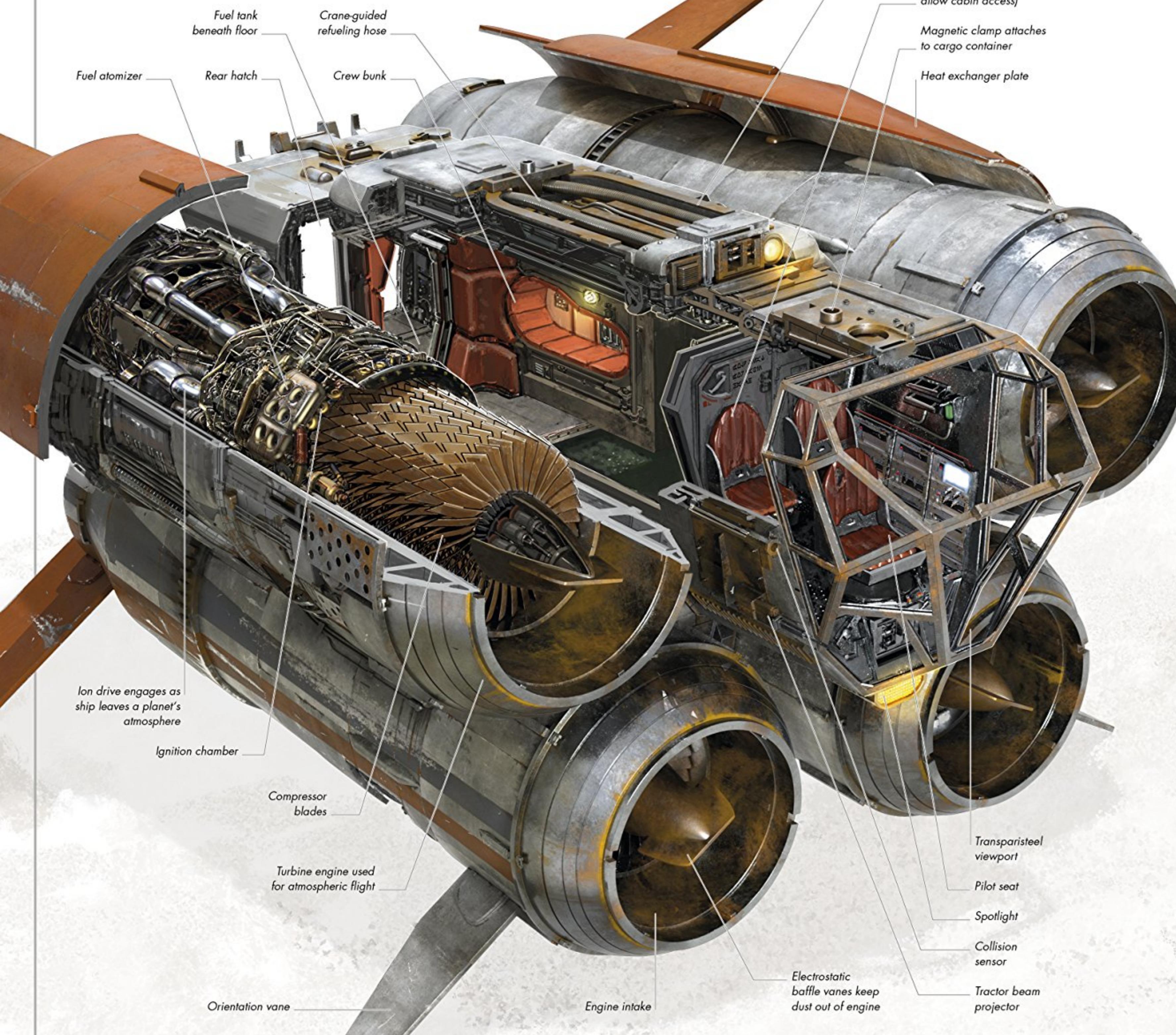


MASS EFFECT

Where the TIE/fo uses a single ion reactor aft of the pilot's seat, the TIE/sf derives power from twin reactors set on either side of the command pod. The TIE/sf's additional armament, shield generators, and powercell banks create more heat than the craft can dissipate, a problem designers at Sienar-Jaemus have attempted to solve with an experimental ion-flux cooling system. All of these systems make the TIE/sf substantially heavier than a standard TIE, and the pylons between the command pod and wings have been reinforced with layers of alloy bracing.

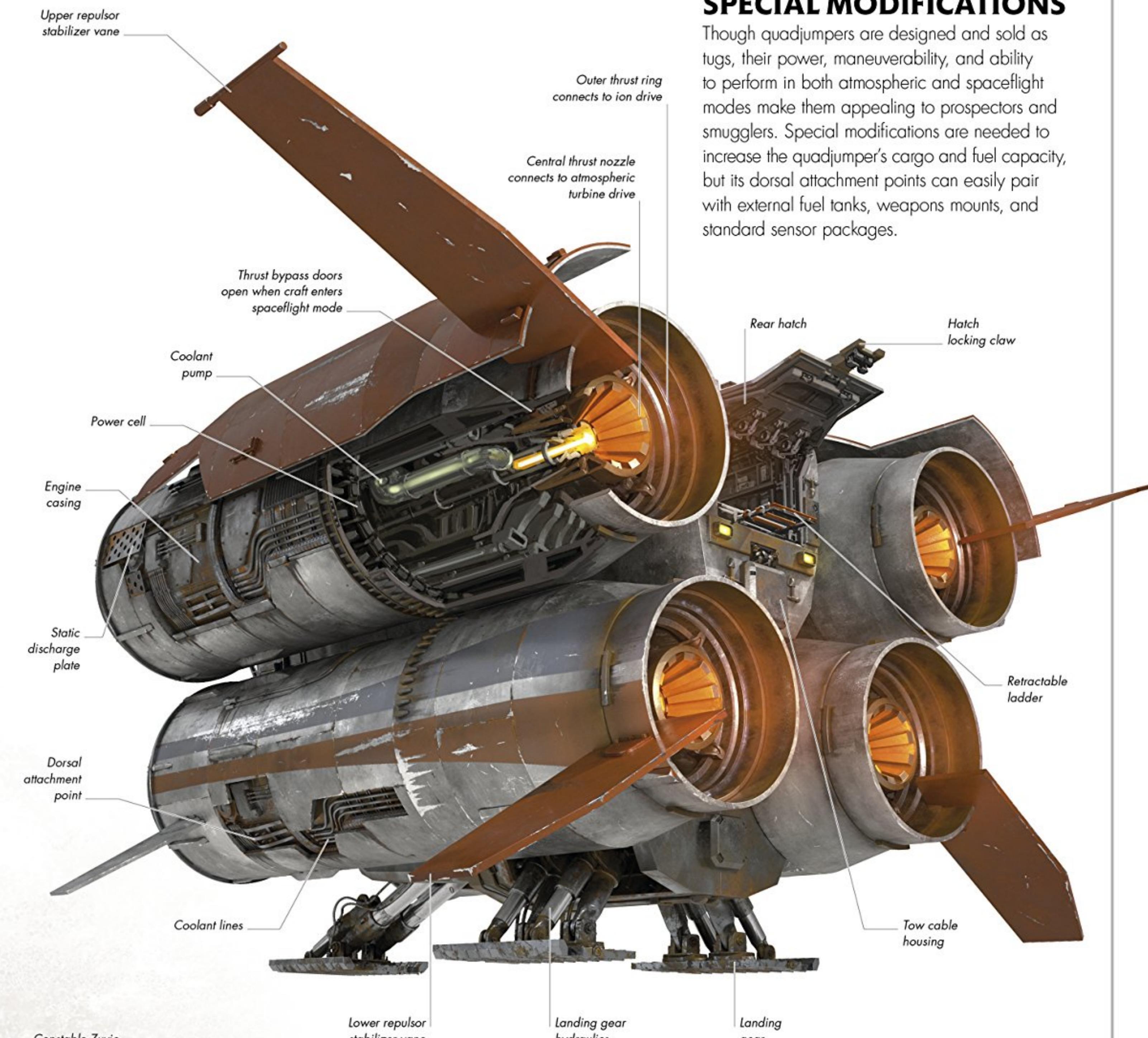
QUADJUMPER

ORBITAL TRANSFER YARDS are busy places, where every second spent moving a freight container means credits lost from a shipping firm's bottom line. Quadjumpers attach magnetic clamps to the undersides of cargo containers, then use their quartet of massive thrusters to shove and yank the containers wherever the yard boss needs them to be. The quadjumper's bow cockpit is almost entirely viewports, giving the pilot maximum visibility amid the chaos of port. The other seats are typically reserved for relief pilots, engineers, or port officials.



A TUGGER'S LIFE

Captains of bulk freighters boast of flying from one side of the galaxy to the other, but most are helpless when it comes to seeing cargo across the final few kilometers between their hulls and their customers' hands. That job falls to spacetug pilots, and depends on their skill with throttles, control yokes, and tractor-beam emitters. Spacetug pilots are noticed only when they're in the way, and take perverse pride in that fact.



BIG PLANS?

Jakku is light-years from the nearest transfer yard—the Empire's orbital facilities were reserved for military use, and blasted into scrap decades ago. So what is an unmodified quadjumper doing out on the edge of the Unknown Regions? Junk dealer Unkar Plutt is planning to buy it from a team of junk haulers who moonlight as arms dealers, and talks vaguely of how credits will roll in once his plans for the craft are set in motion. In the meantime, the quadjumper sits in Niima's Outpost's Bay 3, next to the freighter Unkar keeps beneath a tarp.

SPECIAL MODIFICATIONS

Though quadjumpers are designed and sold as tugs, their power, maneuverability, and ability to perform in both atmospheric and spaceflight modes make them appealing to prospectors and smugglers. Special modifications are needed to increase the quadjumper's cargo and fuel capacity, but its dorsal attachment points can easily pair with external fuel tanks, weapons mounts, and standard sensor packages.

DATA FILE

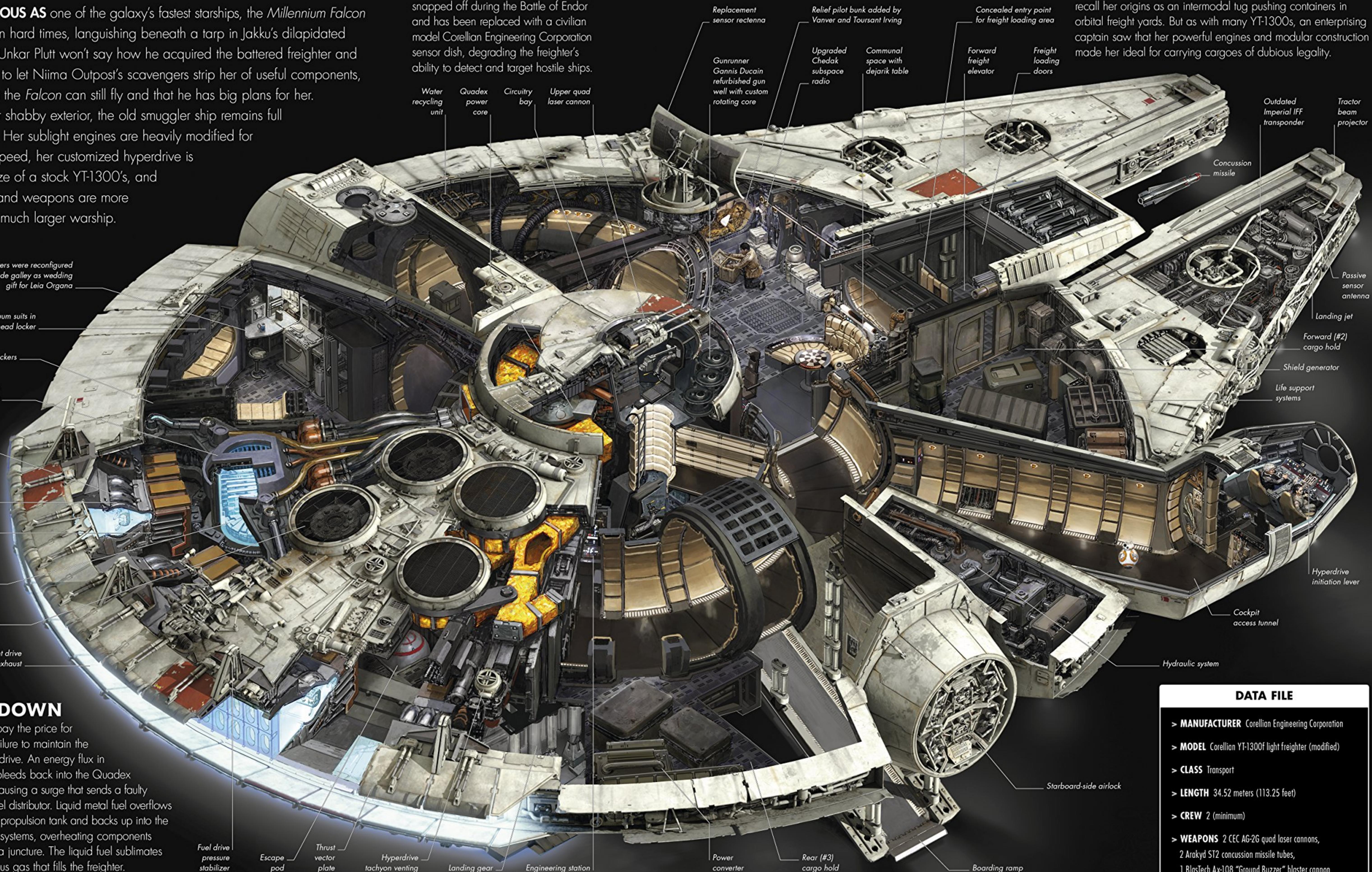
- > **MANUFACTURER** Subpro
- > **MODEL** Quadrijet transfer spacetug
- > **CLASS** Spacetug
- > **LENGTH** 7.98 meters (26.18 feet)
- > **CREW** 1 pilot, plus up to 2 passengers
- > **WEAPONS** None
- > **AFFILIATION** For sale

MILLENNIUM FALCON

ONCE FAMOUS AS one of the galaxy's fastest starships, the *Millennium Falcon* has fallen on hard times, languishing beneath a tarp in Jakku's dilapidated spaceport. Unkar Plutt won't say how he acquired the battered freighter and has refused to let Niima Outpost's scavengers strip her of useful components, insisting that the *Falcon* can still fly and that he has big plans for her. Beneath her shabby exterior, the old smuggler ship remains full of surprises: Her sublight engines are heavily modified for additional speed, her customized hyperdrive is twice the size of a stock YT-1300's, and her shields and weapons are more suited for a much larger warship.

NEW PARTS

The *Falcon*'s military-grade rectenna snapped off during the Battle of Endor and has been replaced with a civilian model Corellian Engineering Corporation sensor dish, degrading the freighter's ability to detect and target hostile ships.



BREAKDOWN

Rey and Finn pay the price for Unkar Plutt's failure to maintain the *Falcon*'s hyperdrive. An energy flux in the motivator bleeds back into the Quadex power core, causing a surge that sends a faulty signal to the fuel distributor. Liquid metal fuel overflows the distributor's propulsion tank and backs up into the ship's auxiliary systems, overheating components and rupturing a juncture. The liquid fuel sublimates into a poisonous gas that fills the freighter.

HUMBLE ORIGINS

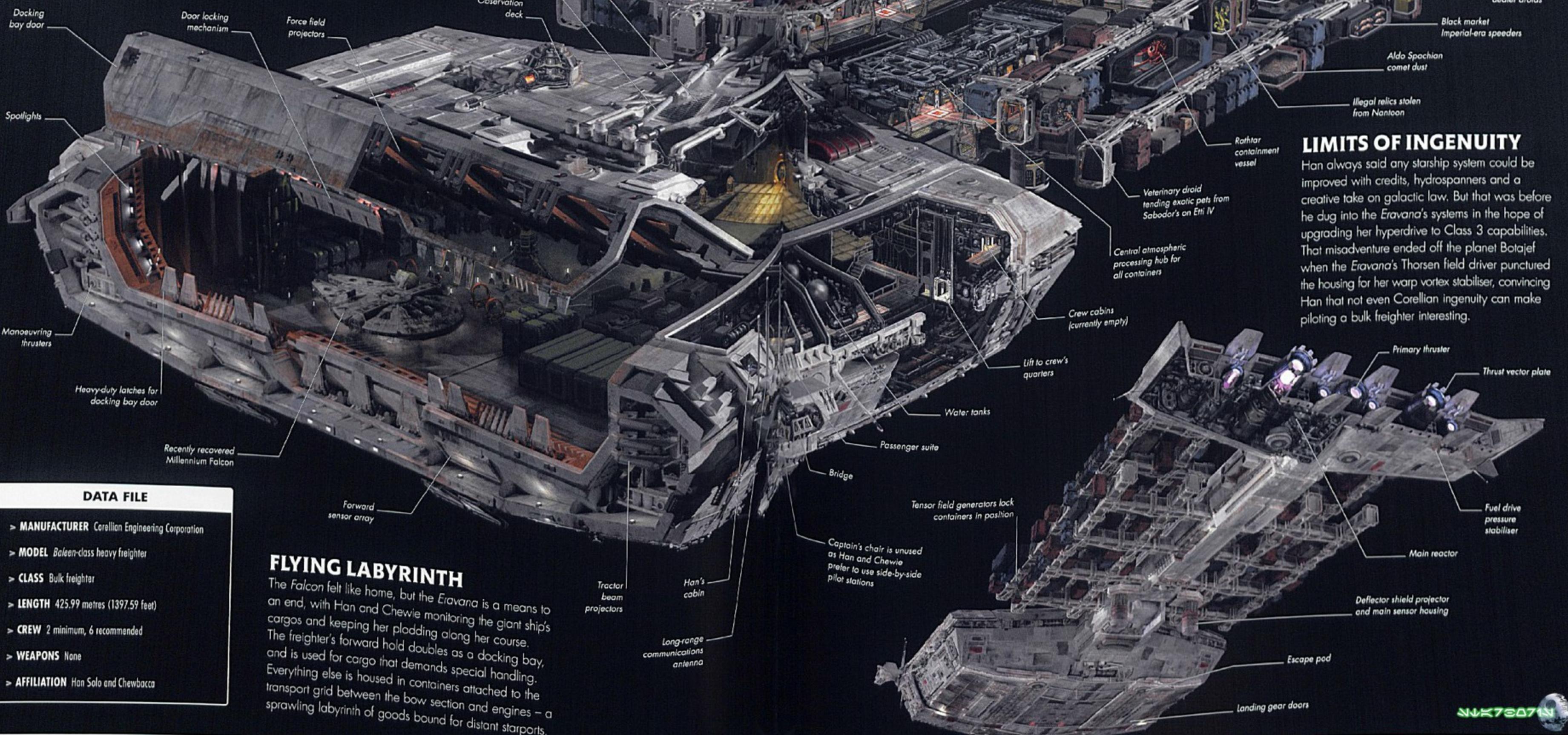
The *Falcon*'s side-mounted cockpit and front-facing mandibles recall her origins as an intermodal tug pushing containers in orbital freight yards. But as with many YT-1300s, an enterprising captain saw that her powerful engines and modular construction made her ideal for carrying cargoes of dubious legality.

DATA FILE

- > **MANUFACTURER** Corellian Engineering Corporation
- > **MODEL** Corellian YT-1300f light freighter (modified)
- > **CLASS** Transport
- > **LENGTH** 34.52 meters (113.25 feet)
- > **CREW** 2 (minimum)
- > **WEAPONS** 2 CEC AG-2G quad laser cannons, 2 Arakyd ST2 concussion missile tubes, 1 BlasTech Ax-108 "Ground Buzzer" blaster cannon
- > **AFFILIATION** Unkar Plutt

HAN'S FREIGHTER

THE GALAXY REMEMBERS Han Solo and Chewbacca as the daredevil pilots of the *Millennium Falcon*, equally legendary as smugglers and rebel heroes. But that was a long time ago. The *Falcon* is gone, and has eluded every attempt by her former owners to track her down. Han and Chewie now operate the *Erevana*, a massive bulk freighter that handles like a concussed bantha. The Corellian and the Wookiee have made a fair amount of credits with their new ship, criss-crossing the galaxy carrying everything from bulk consumables needed by remote colonies to exotic fauna desired by wealthy collectors. They have also made more than a few enemies – the inevitable consequence of Han's dubious business practices.



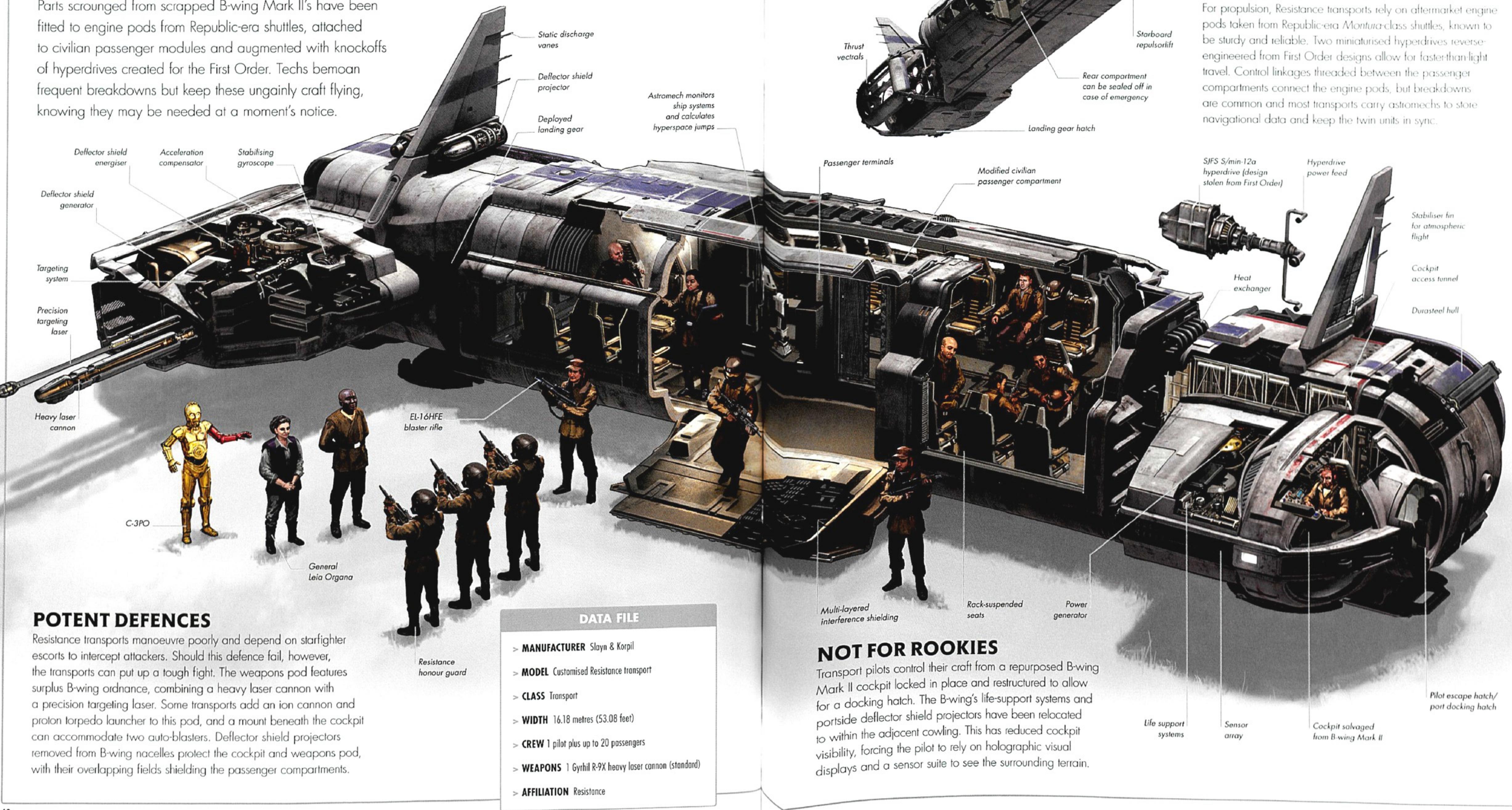
A collage of Star Wars characters in the Millennium Falcon cockpit. On the left, Chewbacca is seated in the pilot's chair, looking towards the center. In the middle, Finn (John Boyega) is seated behind him, looking forward. On the right, Han Solo (Harrison Ford) is seated in the co-pilot's chair, looking towards the left. The cockpit is filled with various control panels, buttons, and screens, all with a dark, metallic aesthetic.

HEROES OLD AND NEW

Reunited with their beloved *Millennium Falcon*, Han Solo and Chewbacca find new perils await them, born of a painful past. But new heroes have joined the fight against the forces that threaten the galaxy.

RESISTANCE TRANSPORT

THE ODD APPEARANCE of the Resistance's transports reflects their unorthodox origins and construction. The craft have been cobbled together by Resistance technicians from a hotchpotch of systems bought, begged and stolen. Parts scrounged from scrapped B-wing Mark II's have been fitted to engine pods from Republic-era shuttles, attached to civilian passenger modules and augmented with knockoffs of hyperdrives created for the First Order. Techs bemoan frequent breakdowns but keep these ungainly craft flying, knowing they may be needed at a moment's notice.



Shield generator

Laser cannon power generator

TANDEM ENGINES

For propulsion, Resistance transports rely on aftermarket engine pods taken from Republic-era *Montura*-class shuttles, known to be sturdy and reliable. Two miniaturised hyperdrives reverse-engineered from First Order designs allow for faster-than-light travel. Control linkages threaded between the passenger compartments connect the engine pods, but breakdowns are common and most transports carry astromechs to stow navigational data and keep the twin units in sync.

Stabiliser fin for atmospheric flight

Cockpit access tunnel

Durasteel hull

Pilot escape hatch/ port docking hatch

Pilot escape hatch/ port docking hatch

Sensor array

Life support systems

Power generator

Rack-suspended seats

Multi-layered interference shielding

Passenger terminals

Modified civilian passenger compartment

Starboard repulsorlift

Thrust vectors

Landing gear hatch

Rear compartment can be sealed off in case of emergency

Hyperdrive

Hyperdrive power feed

Stabilising gyroscope

Deflector shield projector

Deployed landing gear

Astromech monitors ship systems and calculates hyperspace jumps

Passenger terminals

Modified civilian passenger compartment

Starboard repulsorlift

Thrust vectors

Landing gear hatch

Rear compartment can be sealed off in case of emergency

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Hyperdrive power feed

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Deployed landing gear

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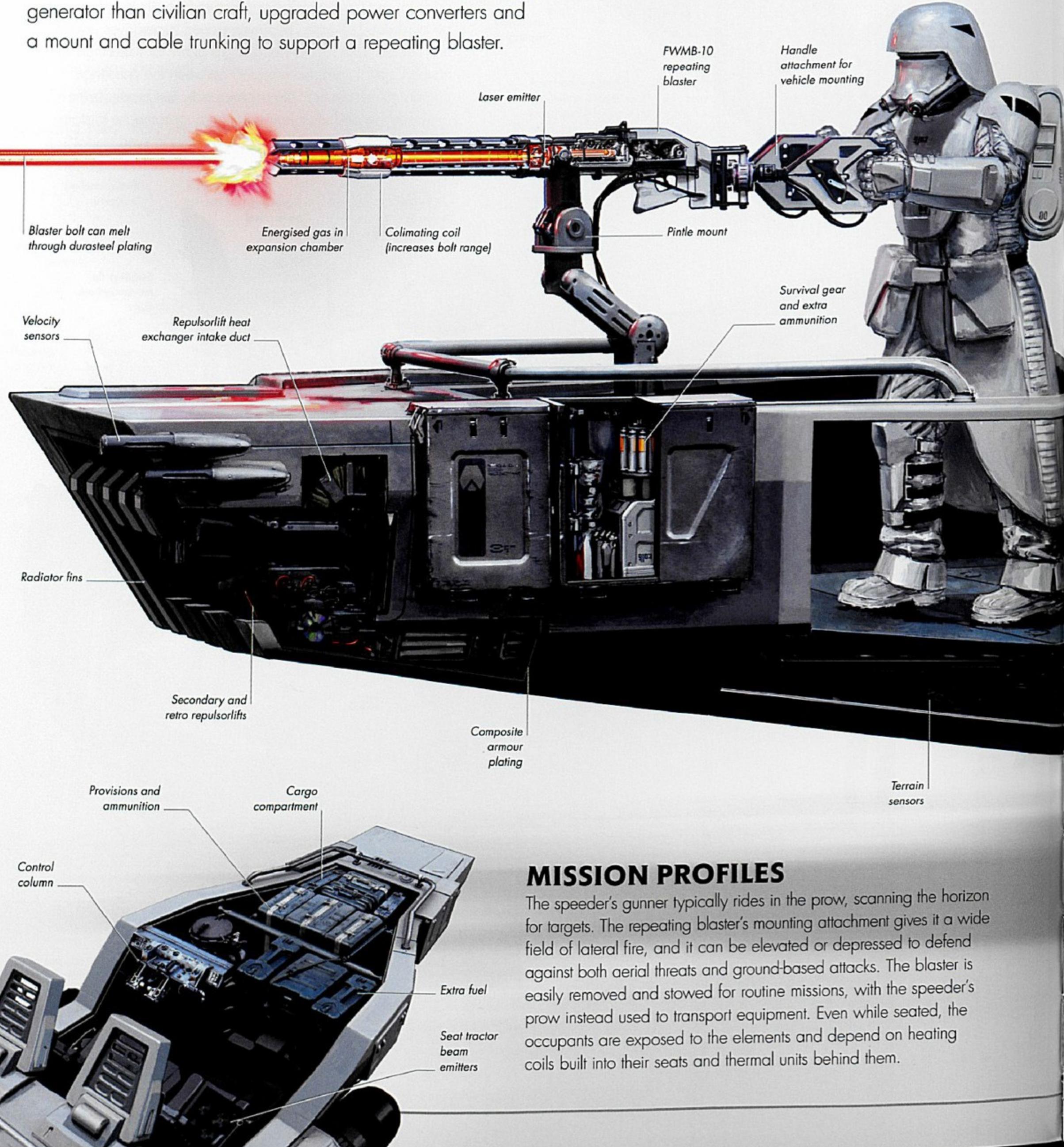
Landing gear hatch

Rear compartment can be sealed off in case of emergency

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SNOW SPEEDER

THE FIRST ORDER USES these versatile light utility vehicles for a range of missions on the Starkiller Base, from patrolling the perimeter to resupplying outlying stations with equipment. The snow speeder is a simple and rugged model: basically a pair of seats, a platform for cargo, repulsorlifts and two turbines. Similar speeder trucks are a common sight on many worlds, but the military model favoured by the First Order has a higher-capacity generator than civilian craft, upgraded power converters and a mount and cable trunking to support a repeating blaster.

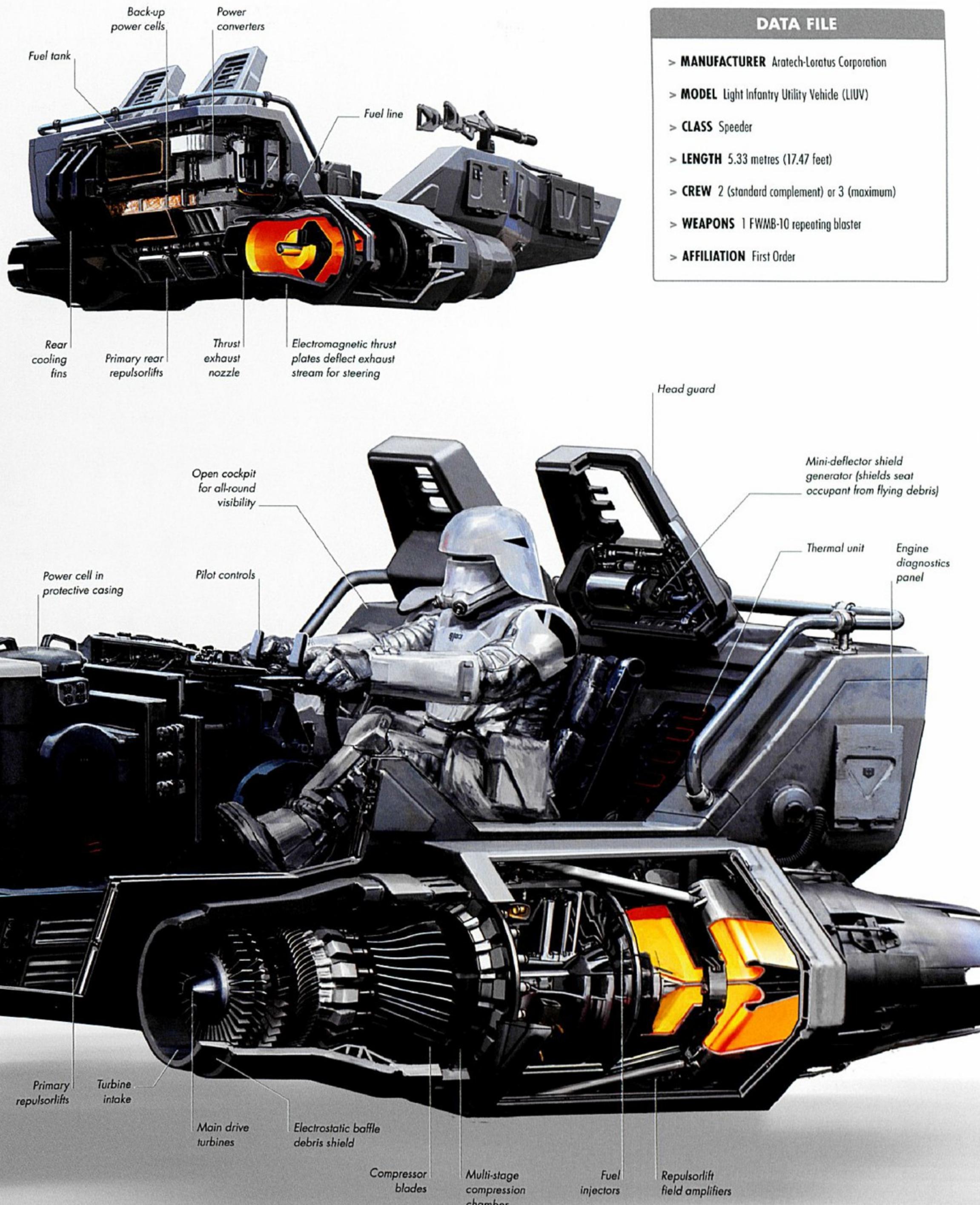


MISSION PROFILES

The speeder's gunner typically rides in the prow, scanning the horizon for targets. The repeating blaster's mounting attachment gives it a wide field of lateral fire, and it can be elevated or depressed to defend against both aerial threats and ground-based attacks. The blaster is easily removed and stowed for routine missions, with the speeder's prow instead used to transport equipment. Even while seated, the occupants are exposed to the elements and depend on heating coils built into their seats and thermal units behind them.

TOUGH ENOUGH

Temperature extremes are tough conditions for repulsorlift craft. Radiator fins dissipate the heat produced by power generators, but can fail to keep up in hot climates and shed too much heat in cold ones, resulting in generators burning out or locking up. The rugged snow speeder required little adaptation for the Starkiller Base, however: its radiator fins were insulated to dampen the heat exchange and electrostatic baffles were added to keep ice particles out of the turbine intakes.

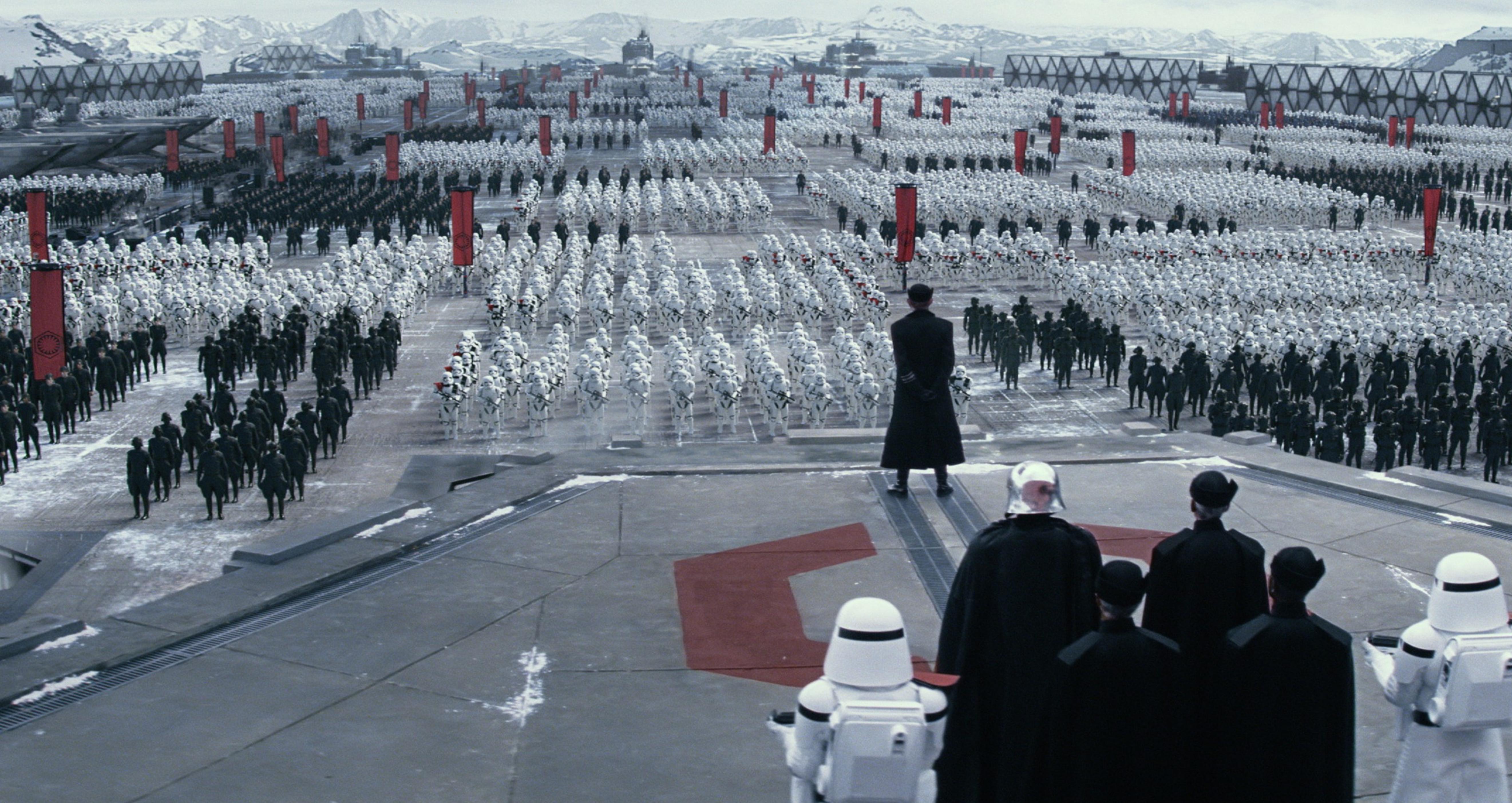


DATA FILE

- > **MANUFACTURER** Aratech-Loratus Corporation
- > **MODEL** Light Infantry Utility Vehicle (LIUV)
- > **CLASS** Speeder
- > **LENGTH** 5.33 metres (17.47 feet)
- > **CREW** 2 (standard complement) or 3 (maximum)
- > **WEAPONS** 1 FWMB-10 repeating blaster
- > **AFFILIATION** First Order

RESURRECTION OF EVIL

On a frigid world deep in the galaxy's Unknown Regions, the commanders of the First Order review their loyal troops, promising that the weak and corrupt New Republic will soon be swept away.



SIZE COMPARISON





Penguin
Random
House

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For Lucasfilm

Executive Editor Jonathan W. Rinzler

Image Archives Stacey Leong and Matthew Azevedo

Associate Technical Director Cameron Beck

Art Director Troy Alders

Story Group Leland Chee, Pablo Hidalgo, and Rayne Roberts

First American Edition, 2015

Published in the United States by DK Publishing

345 Hudson Street, New York, New York 10014

Page design copyright © 2015 Dorling Kindersley Limited

DK, a Division of Penguin Random House LLC

15 16 17 18 19 10 9 8 7 6 5 4 3 2 1

001-176207-December/2015

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Published in Great Britain by Dorling Kindersley Limited.

A catalog record for this book is available from the Library of Congress.

ISBN 978-1-4654-3815-7

DK books are available at special discounts when purchased in bulk for sales promotions, premiums, fund-raising, or educational use. For details, contact: DK Publishing Special Markets, 345 Hudson Street, New York, New York 10014

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ACKNOWLEDGMENTS

Kemp Remillard: First and foremost I'd like to thank Cameron Beck, Stacey Leong, Matthew Azevedo, and Chris Medley-Pole whose attention and help with Lucasfilm digital assets was indispensable in creating artwork for this book. Many thanks to J.W. Rinzler, Troy Alders, Pablo Hidalgo, Phil Szostak, Leland Chee, Newell Todd, Samantha Holland, Becca Friedman, Justin Chan, Mike Conte, Megan Matouzek, and everyone else on the 6th floor for their warm reception, hospitality, and help with Star Wars facts big and small. It's been a real pleasure working with such a great group here in San Francisco.

And of course, I'd like to thank Owen Bennett, David Fentiman, Tom Morse, and the team at DK in London for having faith in my promised ability to complete an essentially impossible art task, and for striking fear into my heart when they first asked me if I wanted to do this.

I would like to thank Jason Fry, whose collaboration on this book could not have been more enjoyable and for running with some of my crazy ideas.

I want to thank all of my good friends at Massive Block for teaching me the ways of the Force. I would also like to thank Hans Janssen, Richard Chasemore, and everyone who worked on the original *Star Wars: Incredible Cross-Sections* for all the inspiration. Lastly, I have to thank JJ Abrams, Kathleen Kennedy, and George Lucas for making it all possible.

Jason Fry: Thanks to Pablo Hidalgo, Phil Szostak, Leland Chee, Jonathan Rinzler, and all at Lucasfilm for showing us such cool new stuff; to Jeff Carlisle, Ryder Windham, Chris Reiff, and Chris Trevis for ace Falconology; to Joe Johnston for, well, everything; to David and Owen at DK for keeping us on track; and to all the previous DK writers upon whose shoulders we stood. And, as always, to Emily and Joshua for tolerating me.

DK Publishing: We would also like to thank Phil Szostak, Brian Miller, Natalie Kocikion, and Mike Siglain for their assistance with the creation of this book.